

Chapter VII.—POWER LAUNDRIES AND DYEING AND CLEANING ESTABLISHMENTS

This chapter presents statistics for power laundries and dyeing and cleaning establishments, which were canvassed in connection with the biennial census of manufactures for 1927. The lines of industrial activity in which these classes of establishments are engaged are not, however, treated as manufacturing industries for census purposes, and therefore the statistics appearing in this chapter are not included in the census totals for all manufacturing industries, as given in the other chapters of this volume.

Persons engaged in the industries.—Although most salaried officers and employees are paid by the week or the month and most wage earners on a per diem or piece-price basis, the distinction between the two classes depends primarily on the character of work done rather than on the unit of time employed in calculating rates of pay. In general, office employees are classified as salaried officers and employees and plant workers as wage earners, while foremen are treated as salaried employees if not engaged in manual labor and as wage earners if they perform manual labor in addition to their supervisory duties. Engineers and firemen are classified as wage earners.

Salaries and wages.—These items represent, respectively, the total compensation of salaried officers and employees and the total compensation of wage earners (including those employed on a piece-price basis).

Cost of materials, supplies, etc., and profits.—The items "Cost of supplies, fuel, and power" for laundries and "Cost of materials, supplies, fuel, and power" for dyeing and cleaning establishments relate to materials actually used during the year. They cover fuel, purchased electric current, and materials and supplies, such as soap, soda, starch, chemicals, solvents, dyestuffs, wrapping paper, paper bags, and boxes.

The amount of profits can not be calculated from the census figures, for the reason that no data are collected in regard to a number of items of expense, such as interest, rent, depreciation, insurance, advertising, and other miscellaneous expenses.

Power equipment.—Under this head are shown the rated horsepower capacity of engines, etc., used for the generation of primary power by the plants reporting, the rated horsepower of electric motors, and the rated kilowatt capacity of generators. The power of motors driven by purchased current is included in the total power of prime movers, but the power of motors driven by current generated in the same establishment is not included in the total, since this power duplicates that of the prime movers which generate the current. The amount of power in actual daily use is, of course, considerably less than the rated horsepower capacity of the engines, etc.

POWER LAUNDRIES

[A preliminary report for this industry was issued under date of February 25, 1929]

Description of the industry.—The canvasses for 1927 and 1925 were restricted to commercial power laundries reporting receipts of \$5,000 or more. Power laundries operated by hotels and by eleemosynary and Government institutions were excluded, as were also the so-called "hand laundries," although many of these small laundries use some power-driven machinery. At the census for 1919 all power laundries reporting receipts of \$500 or more had been canvassed and therefore, in order to make the statistics for that year in Table 1 comparable with those for 1925 and 1927, the figures have been adjusted by deducting the data for laundries reporting receipts of less than \$5,000. Two sets of figures for 1919 are therefore presented in Table 1.

Power laundries have not been treated, for census purposes, as manufacturing establishments, and therefore the laundry statistics are not included in the census totals for all manufacturing industries.

Comparison with previous years.—Tables 1 and 2 give statistics for 1927 in comparison with 1925 and 1919. The power-laundry industry was not canvassed at the biennial censuses of manufactures for 1923 and 1921, and consequently no statistics can be given for those years.

TABLE 1.—SUMMARY FOR THE UNITED STATES: 1927, 1925, AND 1919

YEAR OR PERIOD	Number of laundries	Wage earners (average for the year)	Wages	Cost of supplies, fuel, and power ¹	Amount received for work done ¹	Horse-power
1927	6,013	203,216	\$201,132,198	\$68,282,833	\$454,033,518	335,038
1925	4,859	169,200	162,466,250	55,407,100	302,294,749	263,568
1919 ²	4,881	130,489	91,926,000	52,842,000	233,815,827	180,355
1919 ³	5,678	131,879	92,898,837	53,502,177	230,382,360	191,148
PER CENT OF INCREASE						
1925-1927	23.7	20.1	23.8	23.2	25.3	27.4
1919-1927	23.2	55.7	118.8	20.2	94.2	75.7

¹ See "Cost of materials, supplies, etc., and profits," p. 1291.

² Exclusive of data for laundries reporting receipts of less than \$5,000.

³ Revised.

⁴ Includes data for laundries reporting receipts of less than \$5,000. (See "Description of the industry," above.)

⁵ In addition, receipts for laundry work amounting to \$319,268 were reported by establishments engaged primarily in other industries.

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TABLE 2.—PRIME MOVERS, MOTORS, AND GENERATORS, BY TYPE, NUMBER, AND RATED CAPACITY, FOR THE UNITED STATES, 1925, AND 1919, AND FOR STATES, 1927

STATE	Number of laundries reporting power	PRIME MOVERS						ELECTRIC MOTORS DRIVEN BY CUB- RENS GENERATED IN THE LAUNDRIES REPORTING			Kilowatt capacity Number
		Steam engines		Steam turbines		Internal-com- bustion engines		Electric motors driven by pur- chased current			
		Horse- power Num- ber	Horse- power Num- ber	Horse- power Num- ber	Horse- power Num- ber	Horse- power Num- ber	Horse- power Num- ber	Horse- power Num- ber	Horse- power Num- ber		
United States:											
1927	5,919	1,335,936	3,366	203,898	125	9,679	75	2,452	31,632	119,873	60,922
1925	4,844	263,598	3,130	175,331	81	4,426	51	1,420	20,985	70,421	51,000
1919	5,678	1,191,148	3,368	139,647	98	4,647	212	2,908	9,578	43,887	31,389
Alabama	49	2,222	22	1,123	3	65	1	1	281	1,044	81
Arizona	22	1,067	14	605	1	80	1	1	175	278	6
Arkansas	45	2,036	32	1,359	2	130	2	1	134	547	79
California	472	26,422	116	6,909	6	125	11	441	5,792	18,947	710
Colorado	86	3,936	66	2,648					404	1,288	308
Connecticut	138	6,284	127	5,373					235	911	305
Delaware	7	358	7	2,555					57	133	852
District of Columbia	27	3,320	30	2,673					237	657	1,160
Florida	66	5,153	49	2,185					3	353	1,865
Georgia	49	2,549	20	1,074					21	91	466
Idaho	38	1,103	17	550					285	1,476	495
Illinois	441	37,885	270	22,678	26	1,354	4	79	412	9,774	23
Indiana	132	7,334	63	3,776	2	230			948	3,228	62
Iowa	97	4,117	53	2,648					420	1,269	405
Kansas	107	3,349	60	1,907					339	1,276	86
Kentucky	103	4,885	80	3,205	3	225	1	90	403	1,365	286
Louisiana	20	2,720	21	2,089	1	100	3	240	200	611	931
Maine	66	1,619	24	834	5	85	5	5	110	685	1,417
Massachusetts	66	3,973	46	2,934	1	351	1	1	391	1,069	73
Maryland	418	18,561	267	13,060	6	581	1	16	938	4,839	651
Michigan	11,427	103		7,847	1				100	861	3,410
Minnesota	134	7,236	90	5,428		70	2	100	483	1,783	1,202
Mississippi	25	1,002	18	665		1	45	90	437	1,735	3,188
Missouri	148	12,570	124	9,318	4	706	2	40	679	2,056	2,097
Montana	32	1,266	16	599					1	162	646

See footnotes at end of table.

TABLE 2.—PRIME MOVERS, MOTORS, AND GENERATORS, BY TYPE, NUMBER, AND RATED CAPACITY, FOR THE UNITED STATES, 1927, 1925, AND 1919, AND FOR STATES, 1927—Continued

STATE	Number of man- ufac- turing plants report- ing power	Total primary horse- power	Steam engines	PRIME MOVERS				ELECTRIC MOTORS DRIVEN BY CUR- RENT GENERATED IN THE LAUNDRIES REPORTING				Kilowatt capacity		
				Number	Horse- power	Steam turbines	Internal-com- bustion engines	Number	Horse- power	Number	Horse- power			
States, 1927—Continued														
Nebraska	62	2,873	38	1,608	2	90	1	12	373	1,175	146	390	8	484
Nevada	13	339	6	190	1	1	5	106	429	137	13	30	1	30
New Hampshire	63	1,877	31	943	6	458	1	35	1,384	6,504	1,747	5,044	38	4,260
New Jersey	303	19,151	154	12,154	6	6	1	1	106	406	-	-	-	-
New Mexico	17	421	5	110	1	6	-	-	-	-	-	-	-	-
New York	677	49,998	396	31,122	19	2,785	6	69	3,654	16,022	2,125	7,455	102	8,999
North Carolina	108	3,939	36	1,528	1	100	2	15	570	2,296	177	401	6	422
North Dakota	17	806	7	237	1	1	1	1	369	40	389	62	2	116
Ohio	275	16,653	158	9,906	6	1,025	6	189	1,641	5,733	1,792	4,800	62	5,816
Oklahoma	96	4,478	44	2,120	1	7	3	97	575	2,254	97	322	6	307
Oregon	67	2,055	35	1,882	12	215	1	6	350	1,067	149	499	9	487
Pennsylvania	363	21,652	247	14,766	7	130	1	1	543	5,941	1,077	3,558	53	4,088
Rhode Island	84	3,752	53	2,638	1	3	2	40	233	1,076	131	385	7	706
South Carolina	31	924	7	350	10	453	-	-	93	574	8	82	105	215
South Dakota	22	927	10	757	-	-	-	-	77	304	63	196	4	-
Tennessee	74	5,382	63	3,555	4	375	-	-	480	1,452	281	876	16	1,408
Texas	223	10,857	106	6,770	5	265	6	425	1,232	4,407	659	1,623	34	2,469
Utah	20	2,128	17	1,840	1	30	-	-	54	258	283	1,106	15	1,082
Vermont	22	447	9	250	-	-	-	-	38	197	-	-	-	-
Virginia	77	3,727	39	1,634	-	-	-	-	531	2,093	27	26	3	142
Washington	138	6,121	64	3,994	2	31	6	273	524	2,096	371	920	18	1,001
West Virginia	46	2,946	29	1,385	2	325	75	242	476	372	1,782	942	4	440
Wisconsin	125	5,552	82	3,925	2	31	75	297	1,582	351	130	1,008	17	1,008
Wyoming	19	720	8	330	1	30	-	-	-	-	-	-	1	8

¹ Not called for on schedule.¹ Includes data for 2 water wheels with a total capacity of 36 horsepower.² Includes data for 11 water turbines with a total capacity of 159 horsepower.

TABLE 3.—VEHICLES USED, BY KIND AND NUMBER, BY STATES: 1927

STATE	NUMBER OF VEHICLES USED		STATE	NUMBER OF VEHICLES USED	
	Automotive	Horse-drawn		Automotive	Horse-drawn
United States	30,608	2,781	Nebraska	224	1
Alabama	278	50	Nevada	31	
Arizona	85		New Hampshire	117	11
Arkansas	157	10	New Jersey	1,687	49
California	3,383	2	New Mexico	58	
Colorado	417		New York	3,322	1,353
Connecticut	475	20	North Carolina	533	8
Delaware	27	38	North Dakota	41	
District of Columbia	331	6	Ohio	1,496	54
Florida	489	1	Oklahoma	458	3
Georgia	354	25	Oregon	359	
Idaho	89	1	Pennsylvania	1,042	243
Illinois	3,025	321	Rhode Island	344	26
Indiana	677	29	South Carolina	124	13
Iowa	325	3	South Dakota	52	
Kansas	319	2	Tennessee	437	73
Kentucky	383	27	Texas	1,379	9
Louisiana	395	6	Utah	153	3
Maine	132	22	Vermont	30	7
Maryland	409	43	Virginia	374	41
Massachusetts	1,615	171	Washington	727	
Michigan	1,101	21	West Virginia	257	24
Minnesota	570	23	Wisconsin	478	6
Mississippi	122	8	Wyoming	41	1
Missouri	997	23			
Montana	90	2			

TABLE 4.—POWER LAUNDRIES—STATISTICS FOR CITIES HAVING 100,000 INHABITANTS OR MORE: 1927

[This table gives statistics for all cities which had 100,000 inhabitants or more, as estimated for July 1, 1928, and for which separate figures can be given without disclosing data reported by individual laundries]

CITY ¹	Num- ber of laun- dries. Total	PERSONS ENGAGED IN THE INDUSTRY						WAGES				COST OF SUPPLIES, FUEL, AND POWER			Amount received for work done		
		Propri- etors and em- ployees in firm mem- bers		Wage earners (average for the year)		Salaries		Productive employees		Engi- neers and men or direct labor driv- ers		Route men or driv- ers		Indirect labor			
		Pro- prietors and officers	Prod- uctive em- ployees	Engi- neers and men or direct labor	Route men or driv- ers	En- gineers and men or direct labor	Route men or driv- ers	En- gineers and men or direct labor	Route men or driv- ers	En- gineers and men or direct labor	Route men or driv- ers	En- gineers and men or direct labor	Route men or driv- ers	En- gineers and men or direct labor			
Akron, Ohio.....	16	548	10	49	374	13	91	11	\$121,972	\$236,498	\$28,616	\$166,368	\$15,842	\$186,784	\$59,692	\$1,394,388	
Albany, N. Y.....	9	384	6	47	269	10	47	5	104,497	215,608	16,240	88,441	6,514	80,089	38,083	808,142	
Atlanta, Ga.....	14	907	7	168	1,440	31	292	29	237,923	734,459	43,654	385,013	36,736	370,583	115,805	2,888,312	
Baltimore, Md.....	32	2,439	17	281	1,704	50	340	40	449,053	1,162,724	84,285	616,152	31,213	588,574	202,281	4,637,044	
Bayonne, N. J.....	11	138	8	13	123	4	34	1	38,683	118,636	8,104	64,441	936	68,404	26,232	4,452,807	
Birmingham, Ala.....	15	1,373	8	98	1,019	26	194	28	208,723	566,375	38,303	332,484	22,314	217,803	59,917	2,036,774	
Boston, Mass.....	90	2,952	70	233	2,068	78	449	54	509,048	1,801,903	141,013	775,644	73,672	673,688	346,063	6,235,466	
Bridgeport, Conn.....	12	331	11	28	225	10	47	7	58,827	198,753	116,354	78,750	73,446	115,329	34,339	1,750,323	
Buffalo, N. Y.....	36	2,017	12	233	1,388	43	317	24	416,854	1,218,857	73,400	570,100	28,995	427,558	139,741	4,688,563	
Cambridge, Mass.....	8	492	2	45	333	11	19	19	94,974	230,602	20,306	110,796	24,612	88,455	38,104	960,304	
Camden, N. J.....	10	253	10	15	175	5	50	3	32,340	141,377	7,116	81,331	3,146	70,846	26,874	561,713	
Canton, Ohio.....	255	10	18	180	226	36	4	33,911	143,630	12,015	53,946	4,150	78,716	29,039	663,613		
Chicago, Ill.....	230	14,725	172	1,269	10,088	344	2,575	207	2,938,590	9,883,324	6,348,173	388,344	908,950	1,758,718	38,603,987	1,758,718	
Cincinnati, Ohio.....	32	2,129	22	172	1,539	34	243	69	3,442,253	1,211,012	68,091	498,761	35,889	394,012	14,272	2,119,663	
Cleveland, Ohio.....	49	2,654	26	260	1,835	46	425	59	655,453	1,792,032	93,473	828,949	66,832	633,546	254,066	6,381,062	
Columbus, Ohio.....	13	744	11	56	559	18	85	15	117,697	403,460	32,207	155,638	17,943	175,431	44,163	1,284,114	
Dallas, Tex.....	16	1,381	2	99	1,036	21	192	31	177,301	615,924	35,961	231,494	31,002	231,292	78,603	2,315,209	
Dayton, Ohio.....	11	773	4	69	567	13	93	27	163,225	476,833	22,645	177,879	28,763	159,152	54,114	1,258,283	
Denver, Colo.....	29	1,730	13	154	1,248	36	242	37	288,481	859,383	53,989	376,919	36,014	278,251	130,775	2,119,663	
Des Moines, Iowa.....	12	480	4	41	347	14	66	8	77,331	265,239	25,238	127,226	9,557	103,739	35,292	973,926	
Detroit, Mich.....	58	4,080	45	361	2,884	78	622	110	713,120	2,608,947	177,816	1,226,914	157,921	1,011,536	360,823	9,137,078	
Duluth, Minn.....	5	219	31	147	7	30	4	33,354	123,084	10,756	42,065	6,344	36,389	21,900	456,500		
Elizabeth, N. J.....	5	237	2	31	196	7	45	6	63,090	186,832	15,187	129,324	10,274	102,617	602,487	602,487	
El Paso, Tex.....	6	466	26	373	7	48	11	47,482	166,379	9,106	88,987	9,143	63,261	35,407	659,064		
Erie, Pa.....	7	229	7	18	164	8	30	2	42,211	139,717	15,544	65,330	2,412	55,123	20,711	563,515	
Fairbanks, Ind.....	7	469	12	349	8	65	10	54,845	247,825	13,484	93,587	8,503	92,407	30,196	811,405		
Fall River, Mass.....	16	313	12	190	17	79	2	31,328	171,983	25,550	123,920	7,719	10,144	42,519	676,131		
Fulton, Mich.....	4	232	3	23	91	6	172	26	156,791	156,791	10,144	58,227	3,280	47,422	26,471	473,730	
Fort Wayne, Ind.....	5	279	6	18	91	6	172	26	156,684	156,684	10,144	58,227	3,280	47,422	26,471	473,730	

Grand Rapids, Mich.	11	734	68	522	22	96	9	85,420	437,273	34,093	160,472	13,264	160,984	59,249	1,382,172		
Hannibal, Mich.	3	79	2	52	17	---	---	520	55,283	5,256	55,988	22,867	12,303	1,120,600	1,325,809		
Hartford, Conn.	14	612	10	52	458	14	73	5	132,619	394,001	24,051	167,723	9,155	67,338	1,125,809	1,325,809	
Houston, Tex.	16	1,498	9	145	1,059	223	223	223	282,647	630,770	44,061	42,620	26,347	109,384	2,509,671	5,261,277	
Indianapolis, Ind.	13	1,764	12	147	1,283	33	246	38	236,016	984,462	47,811	322,362	419,662	138,788	3,248,754	926,111	
Jacksonville, Fla.	6	523	21	33	409	12	64	4	121,657	270,052	20,020	145,913	3,279	170,324	62,158	1,089,613	
Jersey City, N. J.	27	2,450	1	960	48	248	43	412,793	1,664,351	107,020	554,517	56,620	539,801	216,321	5,080,541		
Kansas City, Kans.	8	287	9	14	212	9	39	4	25,832	11,200	328	11,200	90,710	63,127	27,267	630,794	
Kansas City, Mo.	30	2,837	14	221	2,086	73	383	34	447,997	1,456,943	133,208	278,324	54,446	566,178	245,095	5,261,277	
Knoxville, Tenn.	10	575	66	27	394	15	64	9	48,275	253,946	20,122	96,121	7,648	126,097	51,613	926,111	
Los Angeles, Calif.	68	7,558	28	576	66	181	222	1,036,900	4,996,891	148,123	2,549,325	261,884	1,305,684	318,161	16,687,042		
Louisville, Ky.	36	1,396	24	141	162	12	64	4	261,753	753,336	56,257	286,891	24,892	622,777	2,610,845	4,000,023	
Lowell, Mass.	11	212	16	12	148	7	27	3	115,259	115,034	10,014	38,618	2,509	41,496	28,089	1,088,053	
Milwaukee, Wis.	16	528	10	35	381	11	78	13	55,869	335,342	20,181	141,541	9,408	20,395	47,665	1,088,053	
Minneapolis, Minn.	13	1,661	5	121	1,272	28	189	46	275,000	638,580	33,374	337,036	210,610	336,865	84,860	1,466,771	
Nashville, Tenn.	11	709	5	64	526	14	86	14	156,191	420,793	40,150	174,561	7,365	180,852	84,438	1,486,173	
New Bedford, Mass.	20	420	13	34	273	15	55	5	1,372	48	253	22	401,861	448,245	31,296	438,490	163,846
New Haven, Conn.	15	655	4	59	475	15	80	181	1,063	1,355,860	86,110	88,110	458,445	31,296	377,250	3,767,250	
New York, N. Y.	39	1,897	21	41	196	13	55	5	276,938	276,938	1,063,114	88,105	88,105	458,445	31,296	399,152	
Bronx Borough	47	2,017	41	113	801	43	117	27	215,129	1,412,984	18,711	172,187	18,702	230,624	65,436	1,945,586	
Brooklyn Borough	1	1,073	2	801	24	168	1	449	391	361	40	240,998	87,800	87,800	487,037	191,277	
Manhattan Borough	40	2,081	24	168	1,272	13	34	5	55,621	1,200,998	21,998	229,739	6,500	177,979	36,735	5,106,763	
Queens Borough	49	3,776	1	161	960	32	366	21	398,521	907,205	111,500	781,281	620	455,831	191,134	782,961	
Richmond Borough	10	372	7	25	218	10	60	2	45,441	170,408	141,110	192,492	15,361	88,401	38,274	1,446,495	
Norfolk, Va.	11	478	7	46	347	8	68	2	84,829	928,849	985,755	926,345	424,431	281,441	245,184	477,149	
Oakland, Calif.	28	1,404	11	639	1,404	455	49	55	1,821,426	1,821,426	145,464	1,155,464	61,241	507,107	346,935	3,767,250	
Brooklyn Borough	40	2,253	11	233	1,824	62	545	51	1,821,426	1,821,426	145,464	1,155,464	61,241	507,107	346,935	3,767,250	
Brooklyn Borough	134	6,969	53	1,315	1,405,218	1,315	1,405,218	1,405,218	6178,730	335,315	6178,730	6178,730	145,824	1,821,426	16,802,501	18,871,646	
Manhattan Borough	115	7,812	69	561	1,107	127	189	278	351,278	351,278	351,278	374,458	188,790	203,324	932,536	1,061,604	
Queens Borough	49	3,776	1	161	960	32	366	21	398,521	907,205	111,500	781,281	620	455,831	191,134	782,961	
Richmond Borough	10	372	7	25	218	10	60	2	45,441	170,408	141,110	192,492	15,361	88,401	38,274	1,446,495	
New York, N. Y.	348	19,402	176	1,639	1,404	455	393	333	3,769,990	928,849	985,755	926,345	424,431	281,441	245,184	477,149	
Bronx Borough	40	2,017	41	113	801	43	117	27	215,129	1,412,984	18,711	172,187	18,702	230,624	65,436	1,945,586	
Brooklyn Borough	1	1,073	2	801	24	168	1	449	391	361	40	240,998	87,800	87,800	487,037	191,277	
Manhattan Borough	40	2,081	24	168	1,272	13	34	5	55,621	1,200,998	21,998	229,739	6,500	177,979	36,735	5,106,763	
Queens Borough	49	3,776	1	161	960	32	366	21	398,521	907,205	111,500	781,281	620	455,831	191,134	782,961	
Richmond Borough	10	372	7	25	218	10	60	2	45,441	170,408	141,110	192,492	15,361	88,401	38,274	1,446,495	
New York, N. Y.	348	19,402	176	1,639	1,404	455	393	333	3,769,990	928,849	985,755	926,345	424,431	281,441	245,184	477,149	
Bronx Borough	40	2,017	41	113	801	43	117	27	215,129	1,412,984	18,711	172,187	18,702	230,624	65,436	1,945,586	
Brooklyn Borough	1	1,073	2	801	24	168	1	449	391	361	40	240,998	87,800	87,800	487,037	191,277	
Manhattan Borough	40	2,081	24	168	1,272	13	34	5	55,621	1,200,998	21,998	229,739	6,500	177,979	36,735	5,106,763	
Queens Borough	49	3,776	1	161	960	32	366	21	398,521	907,205	111,500	781,281	620	455,831	191,134	782,961	
Richmond Borough	10	372	7	25	218	10	60	2	45,441	170,408	141,110	192,492	15,361	88,401	38,274	1,446,495	
New York, N. Y.	348	19,402	176	1,639	1,404	455	393	333	3,769,990	928,849	985,755	926,345	424,431	281,441	245,184	477,149	
Bronx Borough	40	2,017	41	113	801	43	117	27	215,129	1,412,984	18,711	172,187	18,702	230,624	65,436	1,945,586	
Brooklyn Borough	1	1,073	2	801	24	168	1	449	391	361	40	240,998	87,800	87,800	487,037	191,277	
Manhattan Borough	40	2,081	24	168	1,272	13	34	5	55,621	1,200,998	21,998	229,739	6,500	177,979	36,735	5,106,763	
Queens Borough	49	3,776	1	161	960	32	366	21	398,521	907,205	111,500	781,281	620	455,831	191,134	782,961	
Richmond Borough	10	372	7	25	218	10	60	2	45,441	170,408	141,110	192,492	15,361	88,401	38,274	1,446,495	
New York, N. Y.	348	19,402	176	1,639	1,404	455	393	333	3,769,990	928,849	985,755	926,345	424,431	281,441	245,184	477,149	
Bronx Borough	40	2,017	41	113	801	43	117	27	215,129	1,412,984	18,711	172,187	18,702	230,624	65,436	1,945,586	
Brooklyn Borough	1	1,073	2	801	24	168	1	449	391	361	40	240,998	87,800	87,800	487,037	191,277	
Manhattan Borough	40	2,081	24	168	1,272	13	34	5	55,621	1,200,998	21,998	229,739	6,500	177,979	36,735	5,106,763	
Queens Borough	49	3,776	1	161	960	32	366	21	398,521	907,205	111,500	781,281	620	455,831	191,134	782,961	
Richmond Borough	10	372	7	25	218	10	60	2	45,441	170,408	141,110	192,492	15,361	88,401	38,274	1,446,495	
New York, N. Y.	348	19,402	176	1,639	1,404	455	393	333	3,769,990	928,849	985,755	926,345	424,431	281,441	245,184	477,149	
Bronx Borough	40	2,017	41	113	801	43	117	27	215,129	1,412,984	18,711	172,187	18,702	230,624	65,436	1,945,586	
Brooklyn Borough	1	1,073	2	801	24	168	1	449	391	361	40	240,998	87,800	87,800	487,037	191,277	
Manhattan Borough	40	2,081	24	168	1,272	13	34	5	55,621	1,200,998	21,998	229,739	6,500	177,979	36,735	5,106,763	
Queens Borough	49	3,776	1	161	960	32	366	21	398,521	907,205	111,500	781,281	620	455,831	191,134	782,961	
Richmond Borough	10	372	7	25	218	10	60	2	45,441	170,408	141,110	192,492	15,361	88,401	38,274	1,446,495	
New York, N. Y.	348	19,402	176	1,639	1,404	455	393	333	3,769,990	928,849	985,755	926,345	424,431	281,441	245,184	477,149	
Bronx Borough	40	2,017	41	113	801	43	117	27	215,129	1,412,984	18,711	172,187	18,702	230,624	65,436	1,945,586	
Brooklyn Borough	1	1,073	2	801	24	168	1	449	391	361	40	240,998	87,800	87,800	487,037	191,277	
Manhattan Borough	40	2,081	24	168	1,272	13	34	5	55,621	1,200,998	21,998	229,739	6,500	177,979	36,735	5,106,763	
Queens Borough	49	3,776	1	161	960	32	366	21	398,521	907,205	111,500	781,281	620	455,831	191,134	782,961	
Richmond Borough	10	372	7	25	218	10	60	2	45,441	170,408	141,110	192,492	15,361	88,401	38,274	1,446,495	
New York, N. Y.	348	19,402	176	1,639	1,404	455	393	333	3,769,990	928,849	985,755	926,345	424,431	281,441	245,184	477,149	
Bronx Borough	40	2,017	41	113	801	43	117	27	215,129	1,412,984	18,711	172,187	18,702	230,624	65,436	1,945,586	
Brooklyn Borough	1	1,073	2	801	24	168	1	449	391	361	40	240,998	87,800	87,800	487,037	191,277	
Manhattan Borough	40	2,081	24	168	1,272	13	34	5	55,621	1,200,998	21,998	229,739	6,500	177,979	36,735	5,106,763	
Queens Borough	49	3,776	1	161	960	32	366	21	398,521	907,205	111,500	781,281	620</				

see footnotes at end of table.

TABLE 4.—POWER LAUNDRIES—STATISTICS FOR CITIES HAVING 100,000 INHABITANTS OR MORE: 1927—Continued

[See note at head of this table, p. 1296.]

CITY	Number of laun- dries	PERSONS ENGAGED IN THE INDUSTRY										WAGES				COST OF SUPPLIES, FUEL, AND POWER			Amount received for work done			
		Salaried officers and admen- tive ployees					Wage earners (average for the year)					Salaries		Productive employees		Engineers and firemen		Route men or drivers ¹		Indirect labor		
		Propri- etors and firm mem- bers	Engi- neers	Rout- e men	In- direct labor ²	Produc- tive em- ployees	Engi- neers	Rout- e men	In- direct labor ²	Salaries	Engi- neers	Rout- e men	In- direct labor ²	Salaries	Engi- neers	Rout- e men	In- direct labor ²	Supplies	Fuel and power			
San Antonio, Tex.	13	836	46	623	14	99	8	106,207	\$346,848	\$18,304	\$105,959	\$5,765	\$132,152	\$5,611	\$1,288,973	\$1,666,674	\$1,222,768	\$1,222,768	\$1,222,768			
San Diego, Calif.	17	778	8	544	11	138	14	124,510	491,698	19,664	25,841	8,322	126,925	47,646	10,877	1,666,674	8,034,943	8,034,943	8,034,943			
San Francisco, Calif.	20	3,449	85	220	2,599	60	440	45	433,732	3,059,277	138,107	1,013,406	83,904	610,175	39,746	17,063	431,971	431,971	431,971	431,971		
Savannah, Ga.	6	370	2	40	270	7	40	2	44,013	109,375	7,064	36,970	1,560	11,560	1,020	12,022	163,741	163,741	163,741	163,741		
Schenectady, N. Y.	6	94	9	7	64	3	10	1	16,987	43,674	16,987	18,870	600	18,056	163,741	163,741	163,741	163,741	163,741			
Seattle, Wash.	38	1,744	19	146	1,214	34	303	28	303,801	1,188,080	66,581	60,322	35,600	289,964	95,235	3,896,984	3,973,178	3,973,178	3,973,178			
Somerville, Mass.	14	428	9	49	260	11	81	9	94,256	234,080	19,326	146,716	10,847	103,492	42,720	1,321,844	1,321,844	1,321,844	1,321,844			
Spokane, Wash.	10	489	6	51	322	12	91	17	101,761	297,242	14,473	141,101	6,547	66,681	32,264	991,282	991,282	991,282	991,282			
Springfield, Mass.	11	490	6	41	359	12	66	7	96,531	310,715	24,318	133,338	79,627	48,346	1,090,807	1,090,807	1,090,807	1,090,807				
Syracuse, N. Y.	15	677	15	54	518	13	69	8	119,347	423,819	23,622	120,505	10,265	129,083	55,733	1,360,330	1,360,330	1,360,330	1,360,330			
Tacoma, Wash.	19	438	13	29	307	9	73	7	61,500	236,457	13,739	133,605	3,592	66,306	33,177	888,527	888,527	888,527	888,527			
Tampa, Fla.	7	616	5	459	459	16	84	8	96,901	321,586	16,487	83,535	11,366	116,366	11,210	1,041,661	1,041,661	1,041,661	1,041,661			
Toledo, Ohio	13	585	9	54	407	16	91	8	118,461	372,514	28,139	135,363	7,934	148,048	69,471	1,321,844	1,321,844	1,321,844	1,321,844			
Trenton, N. J.	13	423	15	31	292	13	67	52	52,255	250,520	23,329	116,909	4,598	106,963	48,897	904,887	904,887	904,887	904,887			
Tulsa, Okla.	12	633	11	45	481	7	89	5	88,657	350,248	11,458	182,335	4,160	116,612	58,104	1,225,658	1,225,658	1,225,658	1,225,658			
Utica, N. Y.	8	187	6	9	144	5	21	2	22,113	128,211	8,220	36,196	2,080	33,630	17,578	419,413	419,413	419,413	419,413			
Washington, D. C.	27	2,921	13	226	2,229	54	350	49	448,678	1,443,489	162,114	49,558	503,884	168,538	5,040,884	5,040,884	5,040,884	5,040,884				
Waterbury, Conn.	6	173	3	18	115	25	5	5	44,538	100,860	13,248	45,402	5,170	40,877	16,235	408,808	408,808	408,808	408,808			
Wichita, Kans.	7	491	9	22	380	6	69	5	51,980	280,822	10,300	115,619	6,908	91,087	8,261	826,925	826,925	826,925	826,925			
Wilmington, Del.	15	369	4	31	257	4	62	11	63,187	153,493	4,849	88,705	9,229	48,615	27,610	601,948	601,948	601,948	601,948			
Worcester, Mass.	13	418	7	38	346	11	67	2	114,890	287,595	19,806	150,505	3,120	106,240	63,657	901,084	901,084	901,084	901,084			
Youngstown, Ohio	7	393	8	38	45	286	7	68	81,860	244,742	17,889	190,223	7,092	150,976	44,579	807,004	807,004	807,004	807,004			

¹ No statistics are given in this table for the following-named cities to avoid disclosing data reported by individual laundries: Allentown, Pa., 3 laundries; New Orleans, La., 4;

Scranton, Pa., 4. No report was received from Highland Park, Mich.

² Porters, janitors, elevator operators, watchmen, etc.

³ The amounts shown in this column include commissions.

TABLE 6.—GENERAL STATISTICS, BY STATES: 1927

POWER LAUNDRIES 1299

STATE	Number of laundries	PERSONS ENGAGED IN THE INDUSTRY										COST OF SUPPLIES, FUEL, AND POWER				
		Total	Proprietors and firm members	Salaried officers and em- ployees	Wage earners (average for the year)	Horse- power	Salaries	Productive employees	Engineers and firemen	Routemen or drivers ²	Route men or drivers ²	Indirect labor	Supplies	Fuel and power	Amount received for work done	
United States....	6,013	226,268	5,224	17,828	102,458	5,563	31,604	3,501	335,938	\$35,780,860	\$129,024,729	\$8,158,247	\$58,991,817	\$3,957,405	\$1,279,450	
Alabama.....	49	2,650	31	168	1,935	56	324	36	2,232	345,216	978,137	67,942	519,510	25,978	141,433	
Arkansas.....	22	734	14	46	573	12	79	10	1,057	151,463	436,773	20,552	151,292	394,626	3,562,129	
Arizona.....	46	1,285	53	77	960	8	151	8	2,036	139,346	520,274	45,103	242,262	143,666	3,447,536	
Colorado.....	484	2,657	435	1,480	280	3,091	401	26,422	2,803,004	14,767,374	56,997	6,698,606	48,150	214,929	191,916,193	
Connecticut.....	86	2,914	22	14,930	229	2,153	72	3,305	3,936	1,430,275	101,365	561,923	44,294	233,301	1,235,754	
Delaware.....	7	404	5	33	284	6	65	11	2,421	102	454	36	2,284	850,558	43,325	
District Columbia.....	27	921	13	226	229	54	49	3,300	448,678	643,990	2,082,947	164,208	92,400	51,249	7,391,494	
Florida.....	86	3,697	61	284	2,670	98	452	52	5,153	673,393	1,844,370	1,443,489	6,429	92,400	29,567	
Georgia.....	50	3,287	29	284	2,454	66	382	42	2,549	459,955	1,455,354	102,018	612,114	49,558	638,114	
Idaho.....	38	702	35	51	511	22	78	5	1,103	100,445	1,030,149	12,926,980	1,065,312	7,596,109	5,850	168,538
Illinois.....	446	19,909	350	1,763	13,688	503	2,583	367	3,840	377	3,840	31,830	127,632	51,249	401,674	
Indiana.....	135	5,107	117	368	3,747	131	673	76	7,334	688,250	688,250	1,065,058	1,065,058	1,069,084	207,695	
Iowa.....	98	2,435	93	196	1,751	82	285	28	4,117	375,311	1,255,408	120,524	441,798	2,286,988	4,561,431	
Kansas.....	108	2,454	123	148	1,733	64	292	24	3,919	241,476	1,188,663	80,182	467,251	515,337	1,377,245	
Kentucky.....	103	3,543	79	294	2,613	114	396	44	4,885	520,339	1,644,102	138,945	575,051	35,939	270,827	
Louisiana.....	20	2,734	14	267	1,950	40	381	102	2,729	476,897	1,012,074	59,744	610,738	97,251	444,705	
Maine.....	67	1,123	71	817	34	127	11	11	121,816	600,007	43,686	184,172	11,247	178,545	131,020	
Maryland.....	56	3,126	33	2,200	74	437	47	3,973	538,007	1,446,752	111,803	670,210	37,549	695,727	1,928,548	
Massachusetts.....	425	10,977	365	870	7,516	312	1,713	201	18,561	1,689,581	6,504,364	588,830	2,921,192	2,248,441	5,677,568	
Michigan.....	188	7,734	202	629	5,542	178	1,035	148	11,427	1,128,530	4,714,113	333,523	1,028,191	197,452	5,583,757	
Minnesota.....	136	4,118	123	849	2,849	124	605	68	7,256	590,974	1,250,807	197,377	638,559	1,774,519	16,923,190	
Mississippi.....	25	1,063	36	80	795	27	117	8	1,002	124,150	477,079	175,520	5,010	1,462,932	7,973,150	
Missouri.....	163	8,365	93	6,334	219	947	162	12	1,237,419	4,343,037	3,61,045	1,719,142	158,384	69,408	1,579,145	
Montana.....	32	1,780	27	624	84	27	61	1,236,492	5,555,518	555,874	1,148,387	6,259	104,555	1,789,134		

See footnotes at end of table.

TABLE 5.—GENERAL STATISTICS, BY STATES: 1927—Continued

STATE	Num- ber of laun- dries	PERSONS ENGAGED IN THE INDUSTRY										WAGES				COST OF SUPPLIES, FUEL, AND POWER								
		Propri- tors and firm mem- bers		Salaried offi- cers and em- ployees		Wage earners (average for the year)		Horse- power		Salaries		Productive employees		Engineers and firemen		Route men or drivers;		Indirect labor		Supplies		Fuel and power		
		Total	Propri- tory	Engi- neers and firemen	Pro- duc- tive em- ployees	Wage earners	Hours	Engi- neers and firemen	Route men or drivers	Indi- rect labor	Wage earners	Hours	Engi- neers and firemen	Pro- duc- tive em- ployees	Wage earners	Hours	Engi- neers and firemen	Pro- duc- tive em- ployees	Wage earners	Hours	Supplies	Fuel and power		
Nebraska.....	62	1,836	55	152	1,356	50	205	18	2,873	\$338,435	\$917,806	\$38,167	\$298,414	\$18,404	\$470,259	\$105,203	\$3,439,279	\$3,439,279	\$3,439,279	\$3,439,279	\$3,439,279	\$3,439,279		
Nevada.....	13	234	7	14	177	7	25	1	339	28,366	183,630	12,372	86,083	1,107	41,508	31,330	546,638	546,638	546,638	546,638	546,638	546,638		
New Hampshire.....	63	838	65	51	590	25	120	7	1,377	77,592	432,568	32,627	161,715	5,752	147,902	115,442	1,471,257	1,471,257	1,471,257	1,471,257	1,471,257	1,471,257		
New Jersey.....	304	11,326	249	820	9,794	480	1,632	181	19,151	2,111,280	6,871,942	527,530	3,173,423	220,886	2,824,701	1,167,880	24,942,862	24,942,862	24,942,862	24,942,862	24,942,862	24,942,862		
New Mexico.....	17	459	20	34	362	14	51	8	521	63,675	228,085	19,730	1,934	79,587	3,934	84,429	55,111	866,384	866,384	866,384	866,384	866,384	866,384	
New York.....	696	29,751	483	2,628	20,825	716	4,742	457	49,998	19,102,126	1,427,151	9,381,980	575,342	578,938	3,326,049	68,996,800	68,996,800	68,996,800	68,996,800	68,996,800	68,996,800			
North Carolina.....	109	4,032	115	31	3,017	96	502	26	49,998	5,579,984	2,018,234	1,711,650	101,317	73,317	17,248	837,602	828,223	5,873,115	5,873,115	5,873,115	5,873,115	5,873,115	5,873,115	
North Dakota.....	17	391	14	290	15	38	3	606	61,588	228,400	21,558	61,708	2,609	110,247	53,617	844,566	844,566	844,566	844,566	844,566	844,566			
Ohio.....	276	10,665	237	806	7,625	238	1,482	237	16,458	1,926,214	6,292,658	434,221	2,620,188	264,884	2,362,483	957,587	22,036,058	22,036,058	22,036,058	22,036,058	22,036,058	22,036,058		
Oklahoma.....	99	3,291	116	214	2,467	61	412	21	4,478	420,529	1,823,638	92,056	777,210	15,184	677,616	350,530	6,197,705	6,197,705	6,197,705	6,197,705	6,197,705	6,197,705		
Oregon.....	68	2,400	57	162	1,751	51	343	36	2,955	2,162,995	1,473,908	76,787	628,157	32,244	451,449	212,524	4,771,412	4,771,412	4,771,412	4,771,412	4,771,412	4,771,412		
Pennsylvania.....	358	13,118	378	942	9,456	342	1,790	180	21,652	1,789,897	3,018,234	1,711,650	1,711,071	563,691	3,267,407	226,939	2,684,673	1,162,715	24,330,746	24,330,746	24,330,746	24,330,746	24,330,746	24,330,746
Rhode Island.....	87	2,001	94	151	3,222	40	360	34	3,752	339,301	1,153,256	65,700	575,319	35,791	637,455	219,228	4,374,746	4,374,746	4,374,746	4,374,746	4,374,746	4,374,746		
South Carolina.....	22	4,002	19	79	742	320	126	6	115,264	1,926,214	236,989	26,647	175,587	4,172,742	163,704	78,547	1,288,562	1,288,562	1,288,562	1,288,562	1,288,562	1,288,562		
South Dakota.....	22	513	21	42	380	19	48	3	757	81,047	232,001	29,807	66,967	2,188	119,040	72,937	1,017,862	1,017,862	1,017,862	1,017,862	1,017,862	1,017,862		
Tennessee.....	74	4,455	108	352	3,306	96	506	87	5,382	683,260	1,730,795	131,605	81,145	56,622	944,053	282,783	7,145,865	7,145,865	7,145,865	7,145,865	7,145,865	7,145,865		
Texas.....	223	9,470	245	657	6,977	191	1,251	149	10,867	1,218,319	4,261,762	285,086	2,210,909	142,010	1,882,989	767,652	16,325,668	16,325,668	16,325,668	16,325,668	16,325,668	16,325,668		
Utah.....	20	967	10	93	670	23	150	21	2,128	178,892	4,459,742	36,265	218,538	23,288	142,723	62,555	1,761,408	1,761,408	1,761,408	1,761,408	1,761,408	1,761,408		
Vermont.....	22	344	28	17	261	12	25	1	447	16,678	168,550	13,485	29,920	1,040	55,213	38,844	4,374,746	4,374,746	4,374,746	4,374,746	4,374,746	4,374,746		
Virginia.....	77	3,137	46	274	2,326	72	399	20	3,727	486,882	1,291,671	87,936	616,094	14,737	590,669	254,002	4,845,966	4,845,966	4,845,966	4,845,966	4,845,966	4,845,966		
Washington.....	154	4,302	142	341	3,004	105	660	50	6,121	656,755	2,674,759	173,294	1,280,566	50,928	757,141	325,645	8,669,822	8,669,822	8,669,822	8,669,822	8,669,822	8,669,822		
West Virginia.....	46	1,723	27	108	1,304	38	230	20	2,946	235,598	58,995	402,639	20,489	376,935	181,618	494,272	7,147,753	7,147,753	7,147,753	7,147,753	7,147,753	7,147,753		
Wisconsin.....	125	3,660	101	322	6,668	101	431	32	6,582	684,704	1,029,735	1,134,948	1,716,927	72,832	845,823	72,832	45,574	45,574	45,574	45,574	45,574	45,574		
Wyoming.....	19	376	17	24	284	8	39	4	245,878	41,516	245,878	12,398	72,832	2,174	72,832	2,174	45,574	45,574	45,574	45,574	45,574	45,574		

¹ The amounts shown in this column include commissions.

² Porters, janitors, elevator operators, watchmen, etc.

DYEING AND CLEANING ESTABLISHMENTS

[A preliminary report for this industry was issued under date of January 14, 1929]

Description of the industry.—The canvasses for 1927 and 1925 were restricted to dyeing and cleaning plants using mechanical power and reporting receipts of \$5,000 or more. Whenever possible, separate reports were obtained from dry-cleaning departments of laundries. Pressing and tailor shops, even though they used one or more power machines, were not canvassed.

Dyeing and cleaning plants have not been treated as manufacturing establishments for census purposes, and for this reason the statistics for this industry are not included in the census totals for all manufacturing industries.

The statistics for this industry should not be confused with those for "Dyeing and finishing textiles," which is a branch of the textile industry.

Contract work.—The term "contract work" (which does not necessarily imply the existence of a formal contract) applies to work done outside the plant reporting. The amounts paid for contract work are relatively small, as will be seen by reference to the tables on pages 1301, 1304, and 1306.

Comparison with previous years.—Tables 1 and 2 give statistics for 1927 in comparison with 1925 and 1919. The dyeing and cleaning industry was not canvassed at the biennial censuses of manufactures for 1923 and 1921, and consequently no statistics can be given for those years.

TABLE 1.—SUMMARY FOR THE UNITED STATES: 1927, 1925, AND 1919

YEAR OR PERIOD	Number of estab- lishments	Wage earners (average for the year)	Wages	Paid for contract work	Cost of mate- rials, sup- plies, fuel, and power ¹	Amount re- ceived for work done ¹	Horse- power
1927-----	3,175	40,251	\$52,541,894	\$1,340,104	\$18,828,698	\$142,813,616	51,723
1925-----	2,408	29,338	37,589,624	813,670	15,188,226	102,394,284	40,523
1919 ² -----	1,748	18,408	17,866,107	460,660	11,510,738	53,182,742	22,557
PER CENT OF INCREASE							
1925-1927-----	32.0	37.0	39.8	64.7	24.0	30.5	27.7
1919-1927-----	81.6	118.7	194.1	190.9	63.6	188.5	129.3

¹ See "Cost of materials, supplies, etc., and profits," p. 1291.

² Exclusive of data for plants reporting receipts of less than \$5,000.

³ Revised.

TABLE 2.—PRIME MOVERS, MOTORS, AND GENERATORS, BY TYPE, NUMBER, AND RATED CAPACITY, FOR THE UNITED STATES, 1927, 1925, AND 1919, AND FOR STATES, 1927

STATE	Number of establishments reporting primary horse-power	PRIME MOVERS						ELECTRIC MOTORS DRIVEN BY CURRENT GENERATED IN ESTABLISHMENTS REPORTING	Kilowatt capacity		
		Steam engines		Steam turbines		Internal combustion engines					
		Horse-power number	Horse-power number								
United States:											
1927	3,056	51,728	324	9,801	32	598	7,955	40,236	21,770		
1925	2,374	40,623	307	9,545	36	546	5,513	2,108	1,750		
1919	1,748	22,557	338	6,850	36	2,444	1,450	259	(1)		
States, 1927											
Alabama	52	615	16	198			84	417			
Arizona	15	103	1	4			23	99			
Arkansas	35	333	2	50			283				
California	279	3,798	25	533		3	607	3,212			
Colorado	76	827	14	251		53	130	576			
Connecticut	38	729	4	206	2	36	94	487			
Delaware	7	90					13	90			
District of Columbia	16	551	3	120		2	14	50			
Florida	41	630	11	119			67	417			
Georgia	35	811	7	386			67	411			
Idaho	15	220	2	110			425	56			
Illinois	225	5,088	23	652	4	194	31	110			
Indiana	168	1,914	15	188			780	4,242			
Iowa	118	1,107	12	184	4	38	341	1,726			
Kansas	86	629	2	30	2	30	241	885			
Kentucky	43	836	4	195	1	45	126	569			
Louisiana	16	311					571	30			
Maine	12	177	2	53			66	311			
Maryland	23	895	6	509			42	124			
Massachusetts	47	1,462	4	136	2	18	60	386			
Michigan	129	2,469	8	149		2	264	1,208			
Minnesota	64	1,101	8	368		1	335	2,312			
Mississippi	16	145					75	733			

DYEING AND CLEANING ESTABLISHMENTS

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Not called for on schedule.

TABLE 3.—DYEING AND CLEANING ESTABLISHMENTS—GENERAL STATIST
CITIES HAVING 100,000 INHABITANTS OR MORE: 1927

[This table gives statistics for all cities which had 100,000 inhabitants or more, as estimated for Jan. 1, 1927, and for which separate figures can be given without disclosing data reported by individual establishments.

CITY ¹	Number of establishments	PERSONS ENGAGED IN THE INDUSTRY				Salaries	Wages	Paid for contract work	Cost of materials, supplies, fuel, and power
		Total	Proprietors and firm members	Salaried officers and employees	Wage earners (average for the year)				
Akron, Ohio	12	206	8	29	169	\$74, 806	\$221, 705	\$22, 952	\$72, 033
Allentown, Pa.	4	89	4	14	71	21, 579	96, 767	-----	33, 761
Atlanta, Ga.	8	483	1	75	407	175, 853	367, 400	-----	176, 413
Baltimore, Md.	13	260	10	52	198	128, 205	214, 260	2, 221	114, 327
Birmingham, Ala.	19	399	9	64	326	127, 023	300, 713	2, 959	110, 173
Boston, Mass.	6	297	1	69	227	132, 162	298, 032	1, 520	100, 435
Bridgeport, Conn.	6	102	4	31	67	81, 181	97, 594	231	39, 885
Buffalo, N. Y.	14	443	2	69	372	220, 017	521, 969	1, 766	250, 154
Camden, N. J.	4	49	4	11	34	26, 040	44, 783	1, 436	22, 886
Canton, Ohio	7	94	7	6	81	11, 444	90, 032	-----	28, 953
Chicago, Ill.	92	3, 154	58	503	2, 533	1, 546, 992	4, 668, 334	147, 104	1, 236, 621
Cincinnati, Ohio	10	825	4	142	670	258, 300	805, 970	6, 009	252, 749
Cleveland, Ohio	31	1, 162	15	207	940	434, 756	1, 310, 093	18, 238	420, 682
Columbus, Ohio	19	295	15	55	225	110, 622	290, 735	18, 467	118, 180
Dallas, Tex.	13	392	7	69	316	129, 730	384, 522	3, 364	130, 616
Dayton, Ohio	12	162	9	22	131	46, 505	184, 240	7, 267	85, 130
Denver, Colo.	28	422	25	71	326	119, 444	419, 602	21, 958	143, 438
Des Moines, Iowa	10	189	4	43	142	64, 584	173, 432	11, 565	78, 408
Detroit, Mich.	36	1, 549	22	237	1, 290	544, 941	1, 913, 872	36, 981	767, 011
Duluth, Minn.	5	138	2	25	111	38, 068	140, 063	1, 986	27, 949
El Paso, Tex.	6	81	7	8	66	18, 308	70, 074	23	28, 021
Erie, Pa.	8	94	9	9	76	14, 283	86, 426	2, 048	34, 572
Evansville, Ind.	9	81	12	5	64	29, 503	74, 000	1, 070	26, 056
Flint, Mich.	9	93	11	16	66	32, 075	100, 207	1, 530	51, 018
Fort Wayne, Ind.	6	88	9	13	66	31, 734	78, 412	2, 400	33, 414
Fort Worth, Tex.	14	333	14	29	200	47, 272	305, 892	1, 951	70, 882
Grand Rapids, Mich.	4	128	3	21	104	31, 213	175, 173	368	46, 466
Hartford, Conn.	4	193	6	36	151	95, 604	250, 434	-----	70, 197
Houston, Tex.	11	258	11	21	226	42, 884	291, 547	3, 408	76, 450
Indianapolis, Ind.	19	418	19	81	318	133, 568	303, 070	2, 882	183, 823
Jacksonville, Fla.	5	56	4	9	43	11, 664	44, 556	-----	20, 032
Jersey City, N. J.	5	95	3	14	78	29, 625	125, 497	3, 234	30, 002
Kansas City, Mo.	27	395	22	91	282	167, 155	371, 101	11, 983	164, 001
Knoxville, Tenn.	5	47	2	4	41	6, 680	48, 606	-----	25, 081
Los Angeles, Calif.	40	1, 275	31	109	1, 045	406, 145	1, 534, 607	52, 489	467, 352
Louisville, Ky.	15	404	7	77	320	169, 820	340, 945	5, 947	164, 283
Memphis, Tenn.	13	319	18	52	249	132, 212	307, 525	2, 992	93, 204
Miami, Fla.	8	146	4	22	120	32, 537	98, 870	1, 200	33, 491
Milwaukee, Wis.	10	382	1	52	289	127, 009	394, 457	11, 030	113, 672
Minneapolis, Minn.	32	695	22	101	572	178, 305	670, 995	15, 032	275, 071
Nashville, Tenn.	3	46	3	12	31	18, 740	26, 561	822	11, 605
Newark, N. J.	8	383	4	54	325	145, 843	490, 105	2, 470	167, 026
New Bedford, Mass.	4	67	6	10	51	13, 700	66, 351	1, 700	19, 837
New Haven, Conn.	7	98	7	11	80	18, 824	113, 721	292	48, 201
New Orleans, La.	5	147	4	20	114	49, 352	112, 882	-----	45, 032
New York, N. Y.	60	2, 468	17	397	2, 054	988, 635	3, 311, 132	201, 227	981, 876
Norfolk, Va.	8	68	8	7	53	9, 280	63, 262	63	21, 797
Oakland, Calif.	17	268	20	29	219	42, 852	317, 441	9, 893	83, 000
Oklahoma City, Okla.	4	106	7	8	91	18, 125	101, 455	360	51, 436
Omaha, Nebr.	17	335	18	45	272	72, 528	318, 801	10, 106	134, 931

See footnote at end of table.

DYEING AND CLEANING ESTABLISHMENTS

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TABLE 3.—DYEING AND CLEANING ESTABLISHMENTS—GENERAL STATISTICS FOR CITIES HAVING 100,000 INHABITANTS OR MORE: 1927—Continued

[See note at head of this table]

CITY ¹	Number of establishments	PERSONS ENGAGED IN THE INDUSTRY					Salaries	Wages	Paid for contract work	Cost of materials, supplies, fuel, and power	Amount received for work done					
		Total	Proprietors and firm members	Salaried officers and employees	Wage earners (average for the year)	Wage earners (average for the year)										
Paterson, N. J.	3	83	3	9	71	\$19,660	\$140,627	-----	\$34,744	\$235,839						
Philadelphia, Pa.	20	925	20	143	762	263,119	1,048,169	\$20,237	330,317	2,520,747						
Pittsburgh, Pa.	11	631	6	87	588	225,806	771,172	4,690	327,121	1,982,142						
Portland, Oreg.	17	416	14	47	355	86,131	459,903	10,441	106,921	1,075,344						
Providence, R. I.	4	277	3	54	220	91,525	251,200	210	69,410	750,298						
Reading, Pa.	5	75	4	10	61	16,734	78,030	479	32,098	231,982						
Richmond, Va.	16	222	13	39	170	68,123	180,776	1,422	90,599	538,543						
Rochester, N. Y.	6	193	4	36	153	75,368	198,771	100	50,211	519,251						
St. Louis, Mo.	36	1,314	9	240	1,065	555,787	1,345,395	29,197	433,393	3,419,970						
St. Paul, Minn.	20	395	22	63	310	92,392	304,953	7,300	134,499	830,413						
Salt Lake City, Utah	12	191	6	27	158	54,221	181,569	2,416	54,524	422,327						
San Antonio, Tex.	10	159	8	12	139	37,072	120,546	6,072	33,872	393,991						
San Diego, Calif.	13	248	15	14	219	18,725	194,703	10,105	52,397	452,617						
San Francisco, Calif.	11	1,045	9	122	914	223,304	1,210,592	9,479	278,451	2,319,707						
Savannah, Ga.	5	82	3	16	64	20,900	49,680	-----	20,832	151,448						
Scranton, Pa.	3	122	2	29	91	43,805	101,752	-----	40,950	333,665						
Seattle, Wash.	13	382	6	61	315	122,755	525,297	18,830	107,496	1,030,488						
Spokane, Wash.	5	113	2	14	97	31,341	128,113	2,932	33,142	360,233						
Springfield, Mass.	4	98	-----	33	65	71,595	89,213	-----	30,472	284,659						
Tacoma, Wash.	7	46	7	5	34	10,400	44,425	1,925	16,409	129,253						
Tampa, Fla.	12	141	6	15	120	23,437	141,621	963	46,537	337,337						
Toledo, Ohio.	18	275	15	50	210	98,448	205,387	7,769	93,145	822,762						
Trenton, N. J.	4	73	7	6	60	13,464	93,818	1,184	43,645	214,562						
Tulsa, Okla.	7	172	7	25	140	42,932	175,002	-----	72,712	463,322						
Washington, D. C.	17	548	9	68	471	155,502	532,321	3,571	140,651	1,329,080						
Waterbury, Conn.	3	47	2	11	34	15,529	45,860	374	24,242	127,909						
Wichita, Kans.	12	142	15	32	95	41,889	117,370	5,501	41,060	406,226						
Wilmington, Del.	7	99	9	14	76	28,064	67,641	1,189	31,901	193,600						
Worcester, Mass.	3	99	5	14	80	30,250	108,317	175	33,728	301,609						
Youngstown, Ohio	10	226	6	41	179	77,033	283,384	3,987	116,504	730,964						

¹ No statistics are given in this table for the following-named cities, in order to avoid disclosing data reported by individual plants: Albany, N. Y., 2 establishments; Bayonne, N. J., 2; Cambridge, Mass., 1; Elizabeth, N. J., 1; Fall River, Mass., 1; Kansas City, Kans., 2; Lowell, Mass., 2; Lynn, Mass., 2; Schenectady, N. Y., 2; Syracuse, N. Y., 1; Utica, N. Y., 2; Yonkers, N. Y., 1. No reports were received from Hamtramck, Mich., Highland Park, Mich., and Somerville, Mass.

TABLE 4.—GENERAL STATISTICS, BY STATES: 1927

STATE	Number of establishments	PERSONS ENGAGED IN THE INDUSTRY			Horse-power	Salaries	Wages	Paid for contract work	Cost of materials, supplies, fuel, and power	AMOUNT RECEIVED FOR WORK DONE			
		Proprietors and firm members	Salaried officers and employees	Wage earners (average for the year)						Total	Retail	Wholesale	
United States	3,175	50,859	3,106	7,332	40,251	51,728	\$14,474,265	\$52,541,894	\$1,340,104	\$18,828,698	\$110,613,616	\$32,200,307	
Alabama	55	815	48	123	644	615	208,461	595,825	6,142	232,666	1,679,385	1,550,676	
Arizona	15	136	16	17	103	343	34,857	149,293	669	40,754	353,425	98,709	
Arkansas	35	331	45	55	281	333	73,926	208,840	1,947	106,158	849,707	12,697	
California	233	4,387	33	496	3,548	3,798	887,308	4,989,488	145,149	1,458,573	11,669,708	12,802	
Colorado	76	721	85	97	539	827	157,003	671,837	24,804	260,331	1,872,681	9,195,606	
Connecticut	39	593	38	117	438	729	260,492	659,308	5,263	261,687	2,044,192	1,529,116	
District of Columbia	8	113	9	17	87	90	34,554	80,641	1,389	34,101	220,500	219,580	
Delaware	17	548	9	68	471	551	165,502	532,321	3,571	149,651	1,330,080	9,920	
Florida	46	511	35	79	397	530	111,727	460,372	3,598	158,785	1,160,718	1,028,221	
Georgia	37	784	30	128	626	811	243,933	555,390	2,665	265,450	1,648,893	1,559,970	
Idaho	18	141	16	20	105	220	34,461	141,169	972	58,836	371,804	363,668	
Illinois	236	5,047	192	836	3,969	5,088	2,043,341	6,884,721	1,945,287	1,952,287	16,973,344	5,021,270	
Indiana	169	1,660	187	244	1,238	1,914	389,721	1,457,335	76,583	675,049	4,438,358	620,980	
Iowa	121	947	135	124	107	179	430	507,831	31,974	403,308	2,525,613	2,389,006	
Kansas	92	661	111	111	480	629	91,415	576,502	15,818	1,737,830	1,635,925	136,607	
Kentucky	48	744	43	124	577	826	249,194	633,697	15,453	301,105	1,864,076	1,544,991	
Louisiana	17	404	17	50	337	311	96,169	343,815	2,261	104,835	957,150	763,436	
Maine	12	196	11	36	149	177	80,784	190,138	2,115	52,304	508,707	46,119	
Maryland	23	808	24	90	694	895	287,780	650,962	5,424	286,267	2,221,290	1,803,325	
Massachusetts	49	1,505	34	166	1,166	1,462	519,879	1,520,328	13,971	443,448	3,944,283	2,557,774	
Michigan	133	2,470	139	352	1,797	2,469	720,710	2,827,006	62,083	1,124,411	7,649,145	5,982,983	
Minnesota	73	1,362	66	205	1,091	1,101	331,426	1,235,021	3,833	346,805	3,003,255	1,666,162	
Mississippi	16	161	15	122	145	145	43,543	102,786	2,022,568	44,062	690,671	5,183,062	
Missouri	94	1,961	56	56	379	1,526	1,948	787,836	1,022,568	4,070	41,238	4,362,135	585,927
Montana	17	117	15	16	86	174	26,301	104,006	4,070	317,227	310,161	7,066	
Nebraska	69	750	80	95	575	748	180,414	652,097	18,917	297,672	1,887,892	79,480	
New Hampshire	13	96	15	13	68	116	22,070	84,077	2,131	49,589	270,591	10,736	
New Jersey	58	1,652	48	211	1,393	1,619	452,290	1,878,454	6,613	575,339	2,222,943	2,177,201	
New Mexico	10	4,175	13	12	50	68	19,340	67,303	1,151	22,423	205,913	1,152,670	
New York	143	4,119	3	370	5,578	1,530,245	5,204,646	5,204,646	251,622	1,690,130	14,467,572	6,735,419	

DYEING AND CLEANING ESTABLISHMENTS

1307

North Carolina.....	541	33	66	442	461	110,638	391,865	2,879	155,525	1,124,821	1,109,872	14,049	
North Dakota.....	11	97	14	73	97	14,234	73,675	2,635	45,089	220,704	220,730	3,374	
Ohio.....	275	4,434	253	664	3,517	4,771	1,292,790	4,518,721	104,581	1,697,829	12,703,095	10,001,009	2,702,086
Oklahoma.....	95	705	123	73	599	692	113,366	711,984	10,259	336,921	2,101,205	2,101,205	79,563
Oregon.....	45	618	38	67	513	513	111,865	656,186	24,116	175,659	1,488,493	1,488,493	96,891
Pennsylvania.....	139	3,235	128	480	2,627	3,191	869,616	3,464,697	55,473	1,387,533	9,125,314	6,561,459	2,563,855
Rhode Island.....	7	336	5	73	308	470	140,623	356,927	546	193,575	1,264,270	739,163	325,107
South Carolina.....	19	239	19	29	211	234	46,125	189,532	2,704	77,272	537,638	536,338	1,200
South Dakota.....	20	149	25	7	117	170	16,653	129,510	3,304	75,320	341,380	341,380	6,328
Tennessee.....	44	684	48	99	487	763	200,921	565,326	5,802	265,277	1,701,750	1,607,646	34,104
Texas.....	207	2,423	234	250	1,939	1,939	442,078	2,223,703	27,357	810,616	6,367,117	6,215,970	151,158
Utah.....	17	223	10	30	183	220	38,821	269,940	2,843	68,703	1,495,195	1,495,923	46,272
Virginia.....	48	615	35	101	479	623	160,490	491,210	4,303	23,714	1,494,867	1,495,625	46,242
Washington.....	63	785	54	99	632	1,040	187,281	953,064	29,622	251,694	2,255,987	1,870,816	385,161
West Virginia.....	48	656	43	77	511	683	156,974	644,398	6,655	210,295	1,647,901	1,635,071	112,830
Wisconsin.....	69	846	49	121	676	729	245,694	807,734	21,251	312,476	2,052,460	2,050,014	362,446
Wyoming.....	9	70	8	4	58	80	4,780	80,707	316	29,501	205,287	195,297	10,000
Nevada and Vermont ¹	7	69	9	8	52	59	12,815	57,742	-----	32,152	173,742	168,542	5,200

¹ In addition, receipts for dyeing and cleaning to the amount of \$7,651,557 were reported by establishments engaged primarily in the operation of power laundries.² Combined in order to avoid disclosing data reported by individual plants.